

Converting Colors

Hex(4570A4)

Have a look what the booklet for
Hex(4570A4) contains.

Hex(4570A4)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(4570A4)

Conversions

Conversions Part 1

Format	Color
Hex	4570A4
RGB	69, 112, 164
RGB Percent	27%, 44%, 64%
CMY	0.7294, 0.5608, 0.3569
CMYK	0.58, 0.32, 0.00, 0.36
HSL	213°, 41%, 46%
HSV	213°, 58%, 64%
XYZ	14.9493, 15.5339, 37.3324
YIQ	105.0710, -42.3200, 7.0560

Conversions

Conversions Part 2

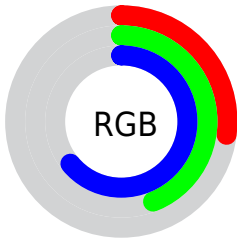
Format	Color
R_{YB}	69, 99, 164
Decimal	4550820
CIE _{Lab}	46.36, 1.12, -32.47
CIE _{LCh}	46, 32.489, 271.969
Yxy	15.5339, 0.2204, 0.2291
Android (android.graphics.Color)	4282740900 (0xFF4570A4)
YUV	105.0710, 29.0520, -31.6343
Hunter-Lab	39.4131, -1.2683, -28.5709

Details

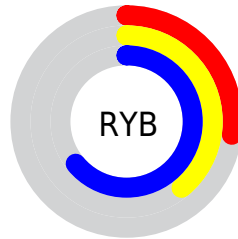
The Hex color **4570A4** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **A47945**, and the grayscale version is **696969**.

A 20% lighter version of the original color is **7CA3DB**, and **004170** is the 20% darker color. If you saturate the color by 10%, you get **3567A4**, and if you desaturate by 10%, it is **5579A4**.

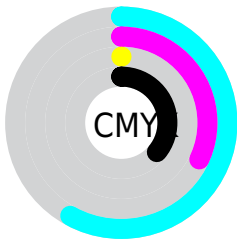
Distribution



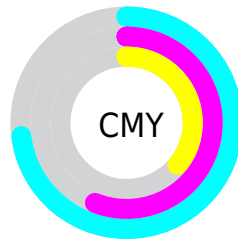
- Red (27%)
- Green (44%)
- Blue (64%)



- Red (27%)
- Yellow (39%)
- Blue (64%)



- Cyan (58%)
- Magenta (32%)
- Yellow (0%)
- Black (36%)



- Cyan (73%)
- Magenta (56%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4570A4 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 4570A4 by changing the saturation by 10% instead.

■ 4570A4

■ 4570A4

FFFFFF

■ 27588A

■ 7CA3DB

■ 004170

■ 98BEF8

■ 002B57

■ B4DAFF

■ 00173F

■ D1F7FF

■ 000329

■ EEEFFF

■ 000113

■ 000000

■ 4570A4

■ 4570A4

■ 3567A4

■ 5579A4

■ 245EA4

■ 6682A4

■ 1455A4

■ 768BA4

■ 034CA4

■ 8794A4

■ 004AA4

■ 979DA4

■ A7A6A4

■ B8AFA4

■ C8B8A4

■ D9C1A4

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



00779D



4570A4



73669C

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



4570A4



A05B52



3F7A53

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



4570A4



A47945

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



61753E



4570A4



93633E

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



4570A4



A0586D



7D6D36



007C6F

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



4570A4



895F90



7D6D36



4B784B

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



4570A4



B2C2D6



45A478



565F6B



EBEBEB



6B6B6B

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



4570A4



4084D6



4845A4



494D52



004291



000812

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



A44570



D64084



A1A445



52494D



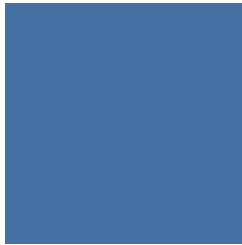
910042



120008

Previews

White Background



This preview shows how the Hex color 4570A4 looks on a white background.

Color Contrast Check

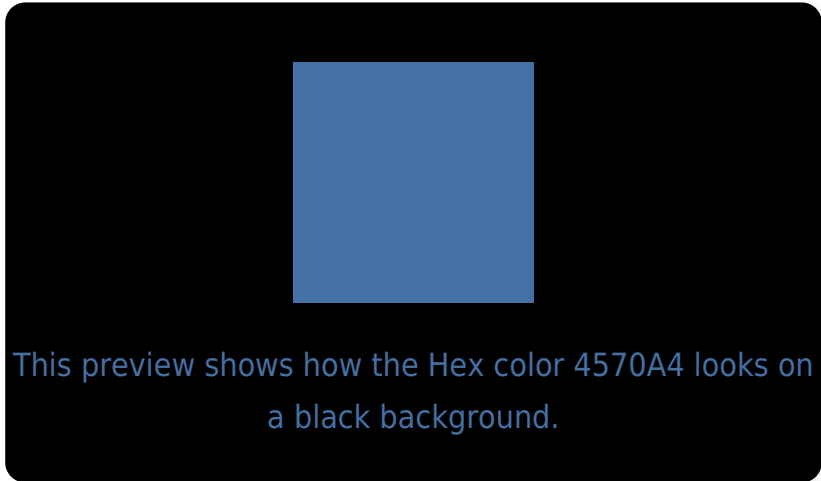
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

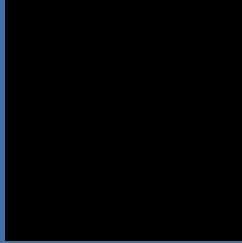
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 4570A4 Background



This preview shows how black text looks on a background with the Hex color 4570A4.

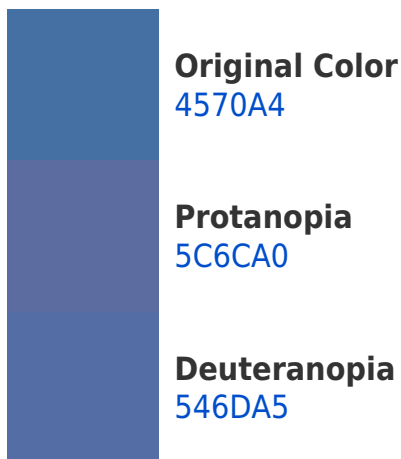



This preview shows how white text looks on a background with the Hex color 4570A4.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

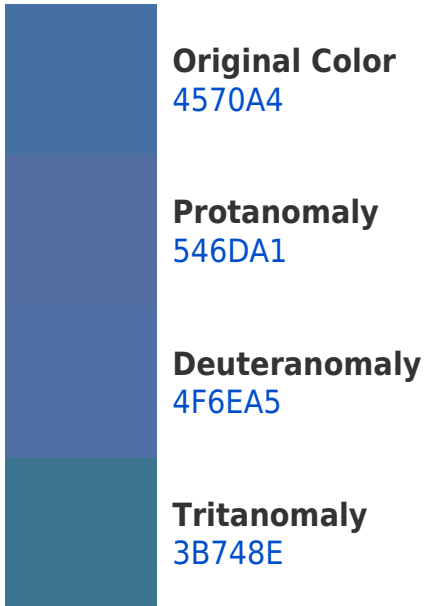
Dichromacy





Tritanopia
367781

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4570A4 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #4570A4 looks like.

```
.text, #text, p{  
    color:#4570A4  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #4570A4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4570A4
}
```

Border

The CSS property to change the border of an element to Hex 4570A4 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#4570A4 }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#4570A4 }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #4570A4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4570A4; -webkit-box-shadow:4px 4px  
4px 4px #4570A4; box-shadow:4px 4px 4px  
4px #4570A4 }
```

Background

The CSS property to change the background color of an element to Hex 4570A4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4570A4 }
```

If only the background color should be changed can be used:

```
.background{ background-color:#4570A4 }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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